

# APPLE INTERRUPT CLOCK

: THIS ROUTINE IS NOT COMPATIBLE WITH  
: APPLE II DOS OR TAPE I/O.

:

.ORG 300

:

: MONITOR ROUTINES

:

COUT .DL FDED  
BCLC .DL FBC1

CHARACTER OUTPUT  
CALC SCREEN ADDRESS

: INPUT VECTORS

~~IVL~~ .~~HS~~ 1B  
~~IVH~~ .~~HS~~ FD  
~~CLKINL~~ .~~HS~~ 00  
~~CLKINH~~ .~~HS~~ C5

NORMAL }  
INPUT } KEYBRD .DL FDI3  
~~CLOCK~~ }  
~~INPUT~~ }

: PAGE ZERO LOCATIONS

ZERO .DL 0  
ONE .DL 1  
WNOB .DL 23  
CH .DL 24  
CV .DL 25  
KSWL .DL 38  
KSWH .DL 39

TEMPORARY LOCATIONS  
USED BY CLOCK  
SCREEN BOTTOM  
CURSOR HORIZONTAL  
CURSOR VERTICAL  
KEYIN VECTOR  
LOCATION

: INPUT BUFFER (14 CHARACTERS)

BUFF .DL 285

: CLOCK ADDRESSES (IN SLOT 5)

CIRQ .DL C0D7  
CINT .DL C0D8  
CLKADR .DL C5B0

START PHA  
TXA  
PHA  
TYA  
PHA  
LDA CIRQ  
LDA ~~CV~~  
PHA  
LDA ~~CH~~  
PHA  
LDA WNOB

SAVE  
REGISTERS

ENABLE HIGHER-LEVEL INTS.



	PHA		
	LDA	ZERO	
	PHA		
	LDA	ONE	
	PHA		
	<del>LDA</del>	<del>#17</del>	
	<del>STA</del>	<del>WNOB</del>	
	LDA	#00	SET UP
	STA	CH	SCREEN
	LDA	#17	
	STA	WNOB	
	STA	CV	
	JSR	BCLC	
	LDA	#<CLKADR	SET UP
	STA	KSWL	INPUT
	LDA	#>CLKADR	VECTOR
	STA	KSWH	
	JSR	CADR	GET TIME
	LDX	#00	SET LOOP COUNTER
PRLP	LDA	BUFF,X	GET CHAR
	JSR	COU	PRINT IT
	DEX		
	BNE	PRLP	RETORE
	PLA		
	STA	ONE	TEMP.
	PLA		
	STA	ZERO	STORAGE
	PLA		
	STA	WNOB	AND
	PLA		
	STA	<del>CH</del>	SCREEN
	PLA		
	STA	<del>CV</del>	SETTINGS
	<del>STA</del>		
	JSR	BCALC	
	PLA		
	TAY		
	PLA		
	TAX		
	PLA		
	STA	CINT	ENABLE LOWER-LEVEL INTERRUPTS
	RTI		